

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081518\
 Data File : VV007029.D
 Acq On : 15 Aug 2018 23:13
 Operator : SY/MD
 Sample : J4487-13
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z9

Quant Time: Aug 16 02:50:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	199589	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	68047	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	56962	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.14	63	521659	21.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	431.60%#
20) 2-Butanone-d5	3.97	46	176389	47.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.22%
24) Chloroform-d	4.40	84	127522	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.09	65	67810	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	248446	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	83113	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	177260	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	25138	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.15	63	81632	34.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	62678	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	64663	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

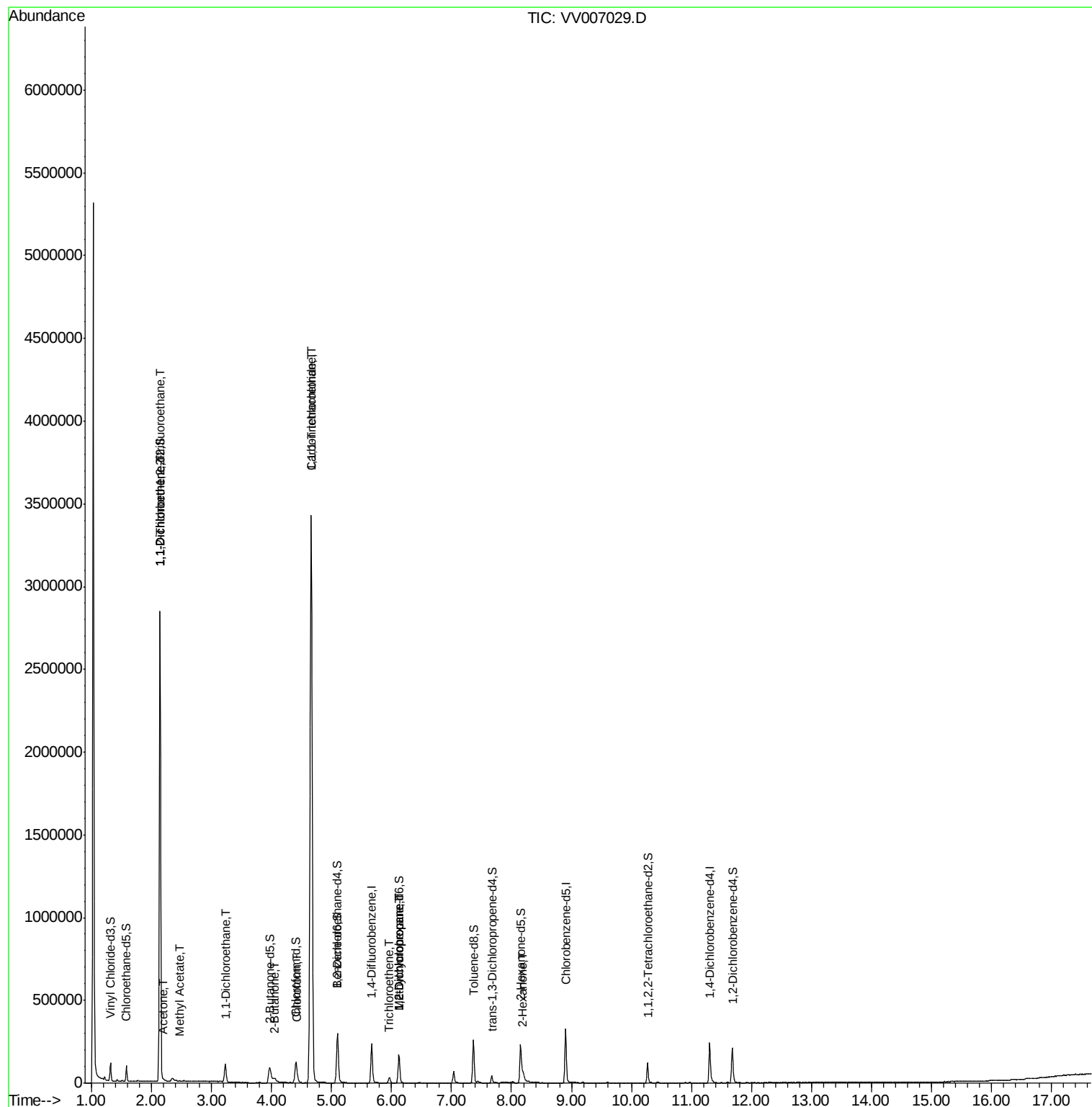
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3072	0.208 ug/L #	23
12) 1,1-Dichloroethene	2.14	96	877937	61.256 ug/L #	70
13) Acetone	2.21	43	4222	2.213 ug/L	99
15) Methyl Acetate	2.47	43	2681	0.499 ug/L	97
19) 1,1-Dichloroethane	3.23	63	104783	3.782 ug/L	98
21) 2-Butanone	4.06	43	2296	0.554 ug/L #	74
25) Chloroform	4.43	83	16335	0.539 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	2752827	107.564 ug/L	99
31) Carbon tetrachloride	4.66	117	360801	16.811 ug/L	98
34) Trichloroethene	5.96	95	12058	0.756 ug/L	95
35) Methylcyclohexane	6.12	83	19503	0.762 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	9077	0.499 ug/L #	90
48) 2-Hexanone	8.20	43	22507	3.246 ug/L	95

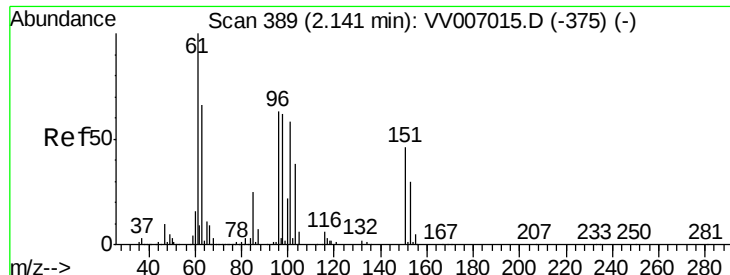
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 16 02:48:57 2018
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.208 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007029.D

Acq: 15 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampleId :

C02Z9

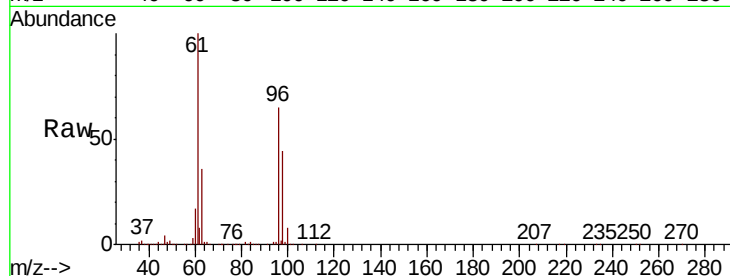
Tgt Ion: 101 Resp: 3072

Ion Ratio Lower Upper

101 100

85 10.6 33.9 50.9#

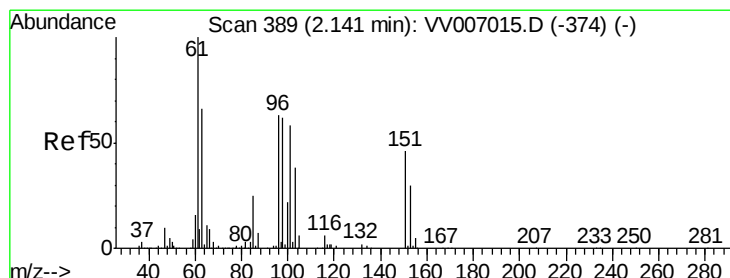
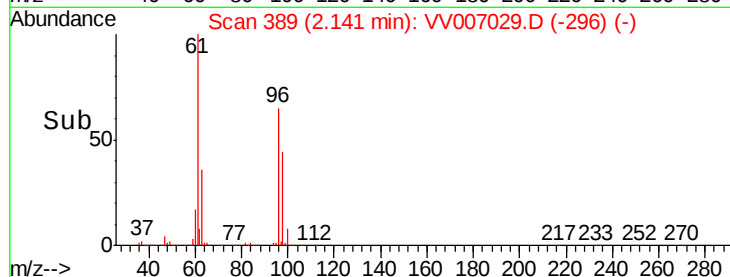
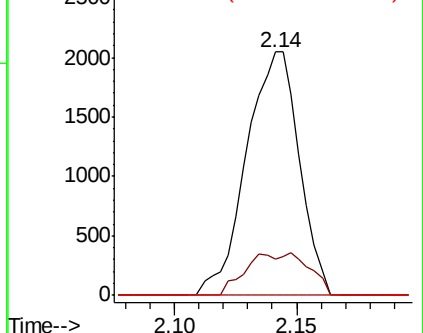
151 0.0 64.1 96.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 61.256 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007029.D

Acq: 15 Aug 2018 23:13

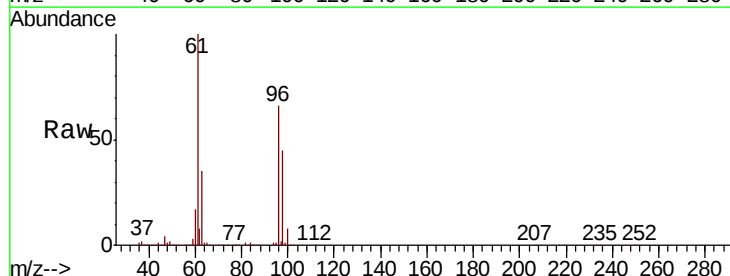
Tgt Ion: 96 Resp: 877937

Ion Ratio Lower Upper

96 100

61 151.3 111.6 207.4

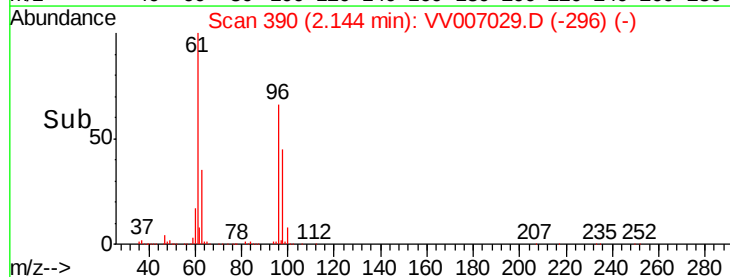
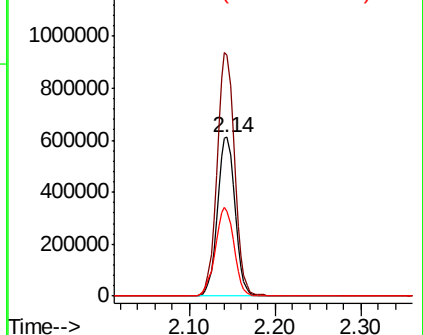
63 53.1 84.9 157.7#

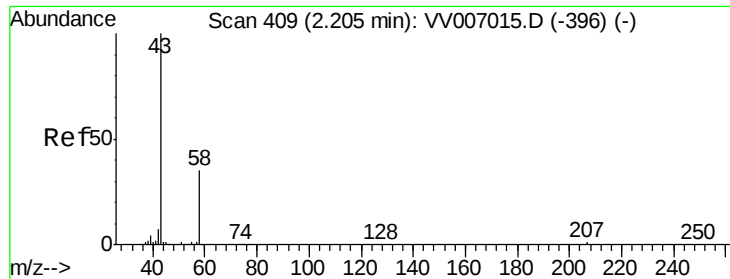


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.213 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV007029.D

Acq: 15 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampleId :

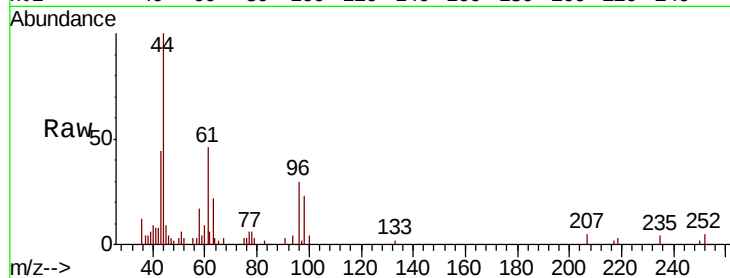
C02Z9

Tgt Ion: 43 Resp: 4222

Ion Ratio Lower Upper

43 100

58 36.6 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2500

2000

1500

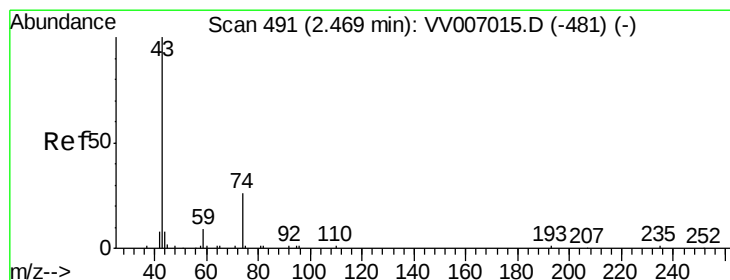
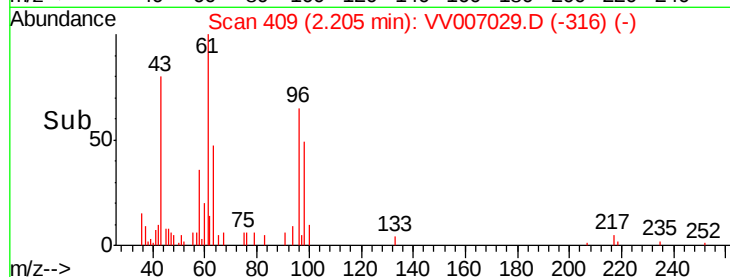
1000

500

0

Time--> 2.10 2.15 2.20 2.25 2.30

2.21



#15

Methyl Acetate

Concen: 0.499 ug/L

RT: 2.47 min Scan# 492

Delta R.T. 0.00 min

Lab File: VV007029.D

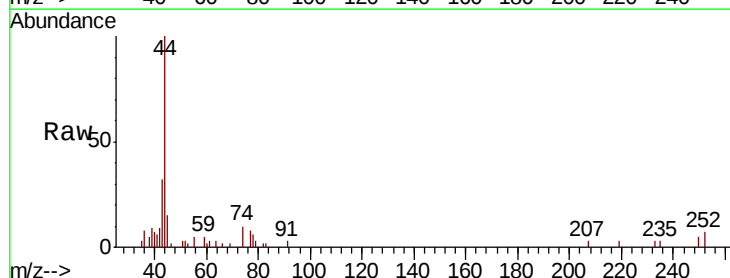
Acq: 15 Aug 2018 23:13

Tgt Ion: 43 Resp: 2681

Ion Ratio Lower Upper

43 100

74 28.9 24.6 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

1500

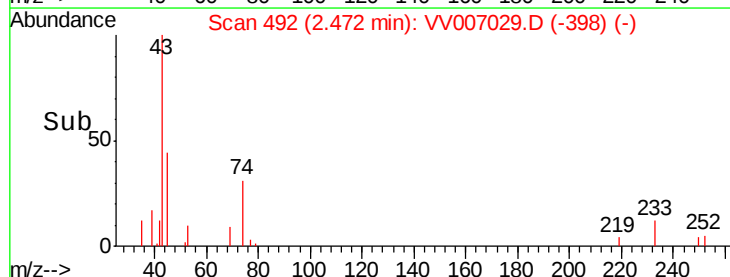
1000

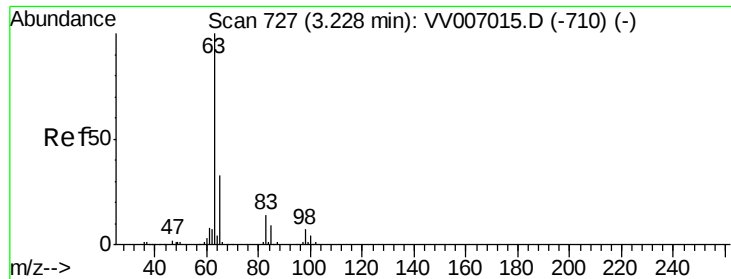
500

0

Time--> 2.40 2.45 2.50

2.47

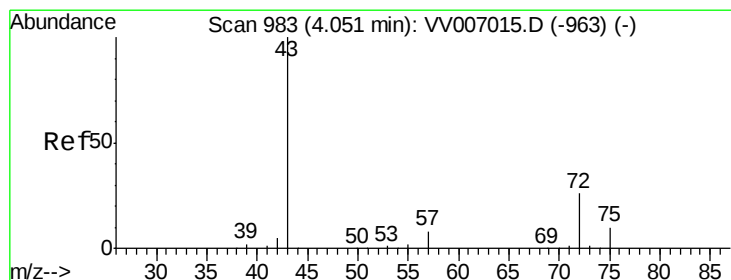
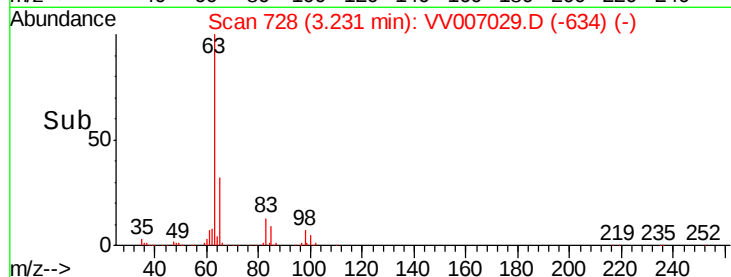
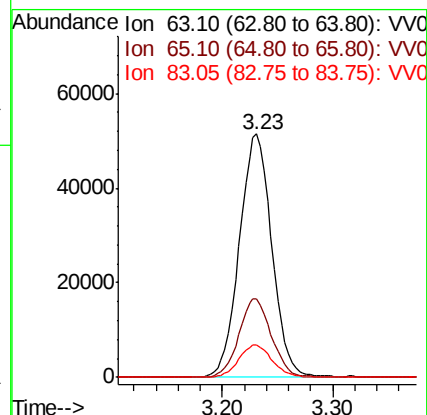
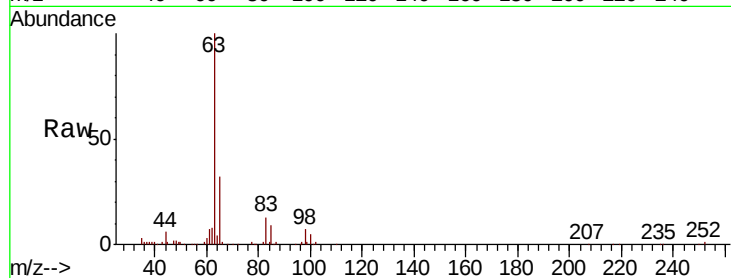




#19
 1,1-Dichloroethane
 Concen: 3.782 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VV007029.D
 Acq: 15 Aug 2018 23:13

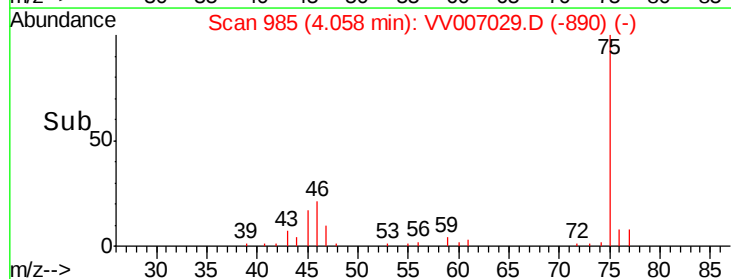
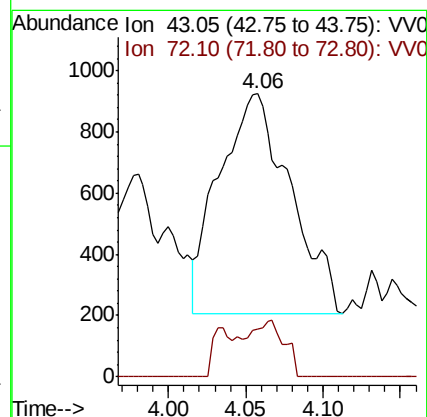
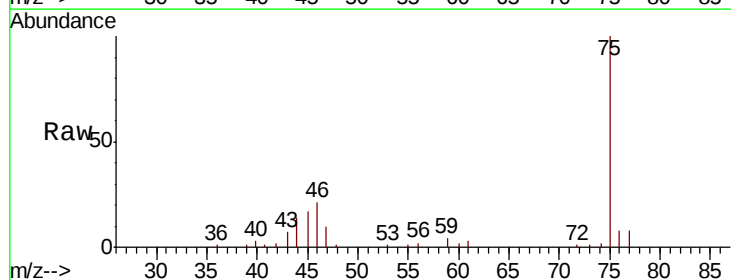
Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z9

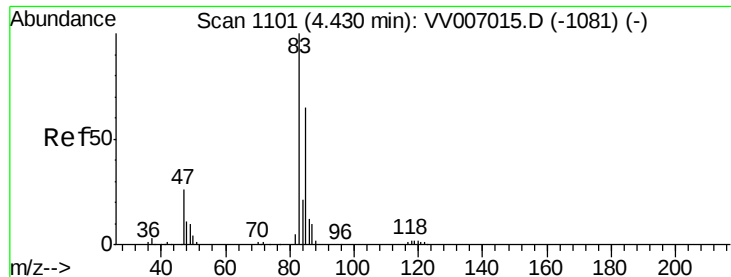
Tgt Ion: 63 Resp: 104783
 Ion Ratio Lower Upper
 63 100
 65 32.2 21.7 40.3
 83 13.2 10.0 18.6



#21
 2-Butanone
 Concen: 0.554 ug/L
 RT: 4.06 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VV007029.D
 Acq: 15 Aug 2018 23:13

Tgt Ion: 43 Resp: 2296
 Ion Ratio Lower Upper
 43 100
 72 12.0 12.4 37.2#





#25

Chloroform

Concen: 0.539 ug/L

RT: 4.43 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VV007029.D

Acq: 15 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampleId :

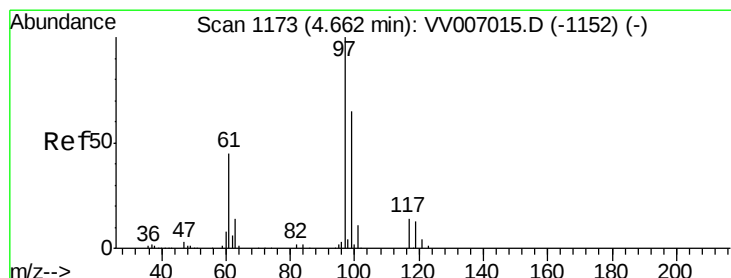
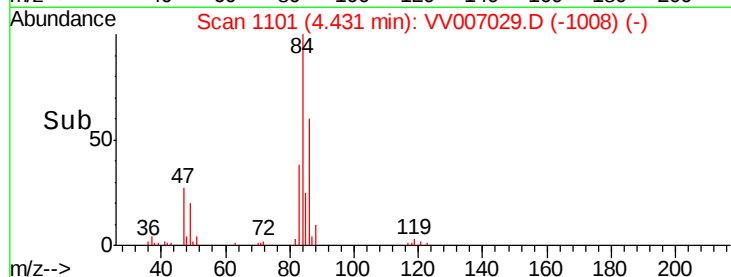
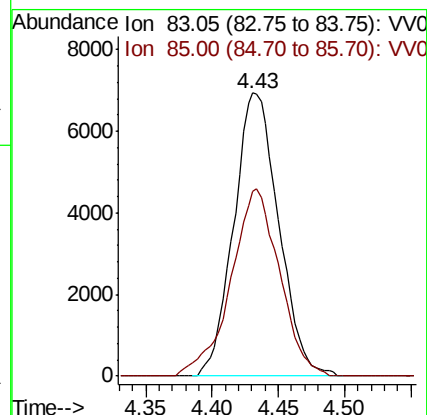
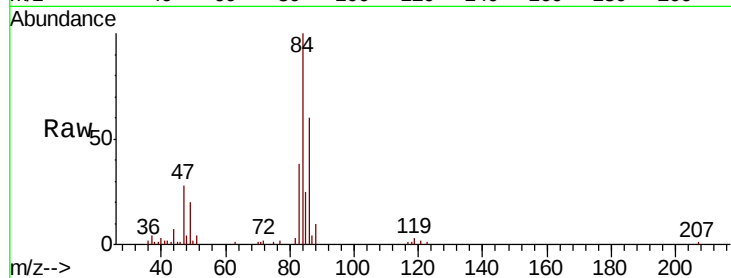
C02Z9

Tgt Ion: 83 Resp: 16335

Ion Ratio Lower Upper

83 100

85 65.1 44.7 82.9



#29

1,1,1-Trichloroethane

Concen: 107.564 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007029.D

Acq: 15 Aug 2018 23:13

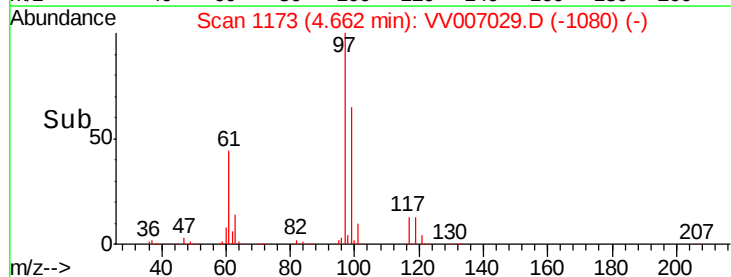
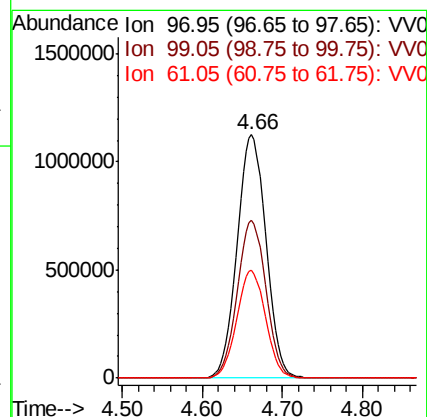
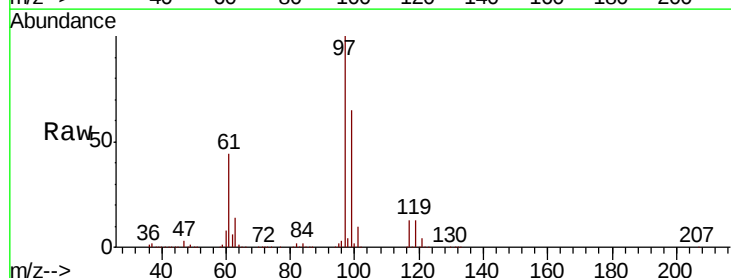
Tgt Ion: 97 Resp: 2752827

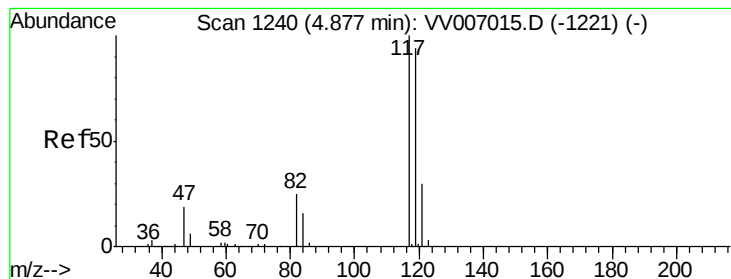
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 44.1 36.6 54.8





#31

Carbon tetrachloride

Concen: 16.811 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.22 min

Lab File: VV007029.D

Acq: 15 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampleId :

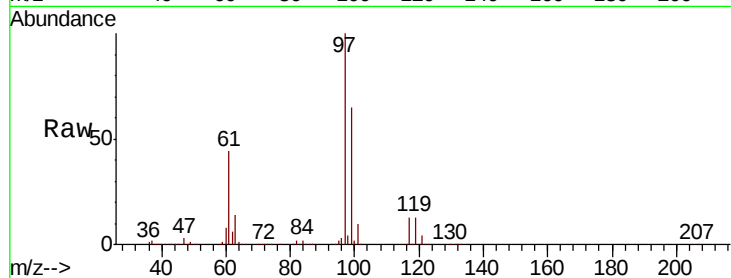
C02Z9

Tgt Ion:117 Resp: 360801

Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.66

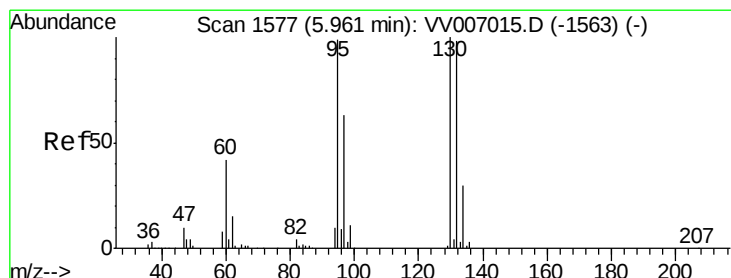
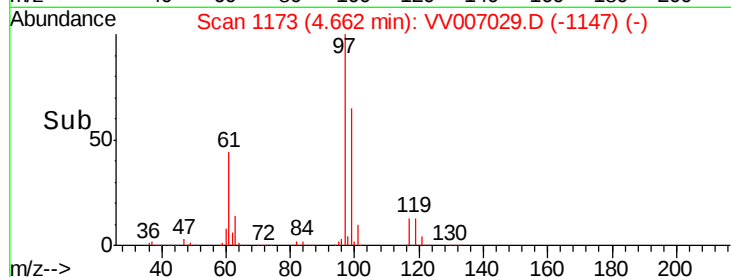
150000

100000

50000

0

Time-->



#34

Trichloroethene

Concen: 0.756 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007029.D

Acq: 15 Aug 2018 23:13

Tgt Ion: 95 Resp: 12058

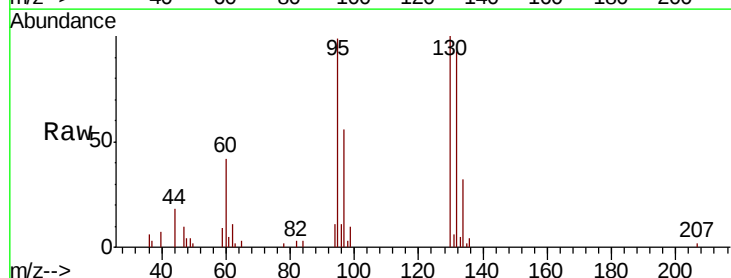
Ion Ratio Lower Upper

95 100

97 56.4 44.8 83.2

132 93.7 65.5 121.6

130 101.2 66.4 123.4



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

8000

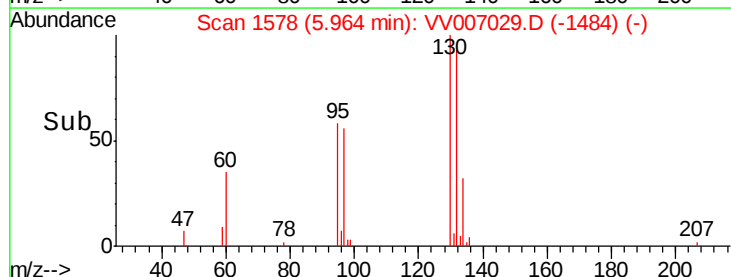
6000

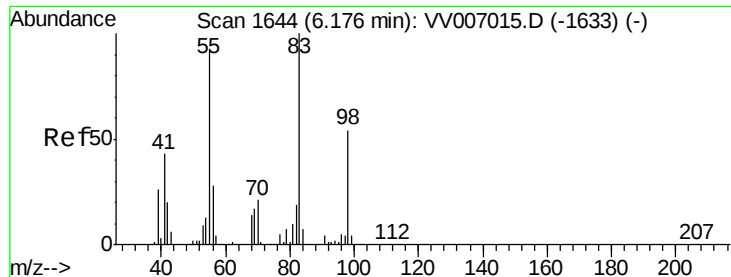
4000

2000

0

Time-->





#35

Methylcyclohexane

Concen: 0.762 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007029.D

Acq: 15 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampled :

C02Z9

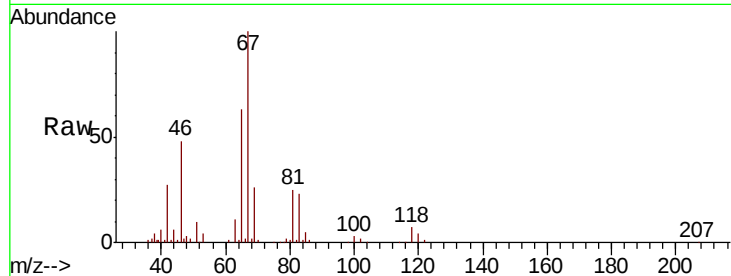
Tgt Ion: 83 Resp: 19503

Ion Ratio Lower Upper

83 100

55 0.4 68.1 102.1#

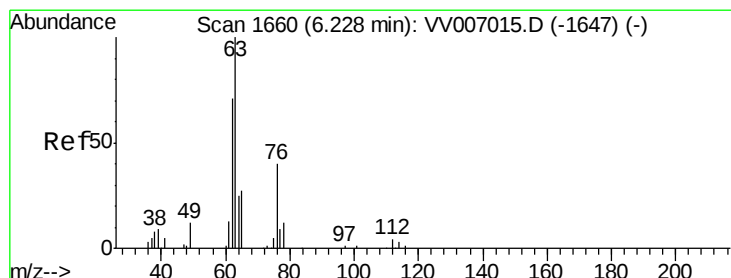
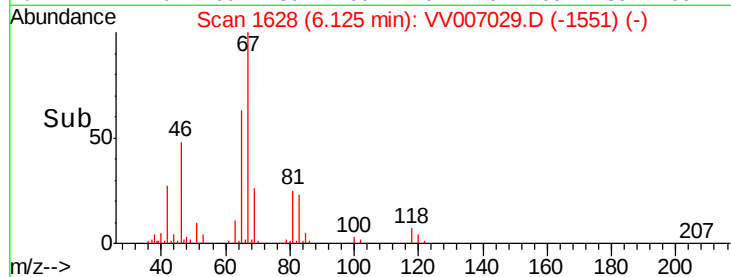
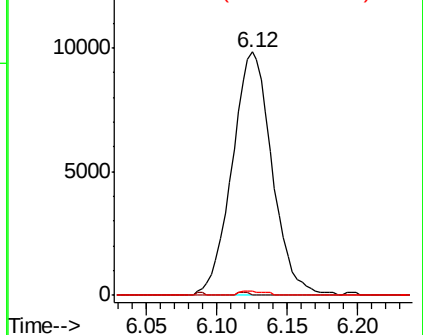
98 1.1 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.499 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007029.D

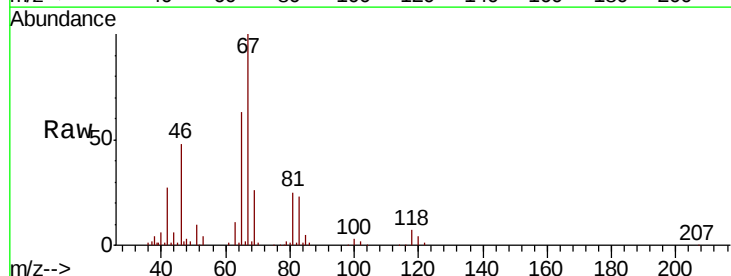
Acq: 15 Aug 2018 23:13

Tgt Ion: 63 Resp: 9077

Ion Ratio Lower Upper

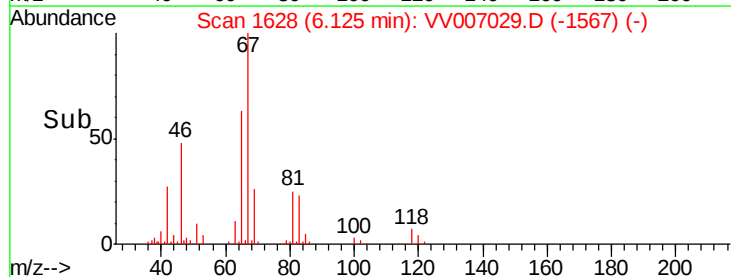
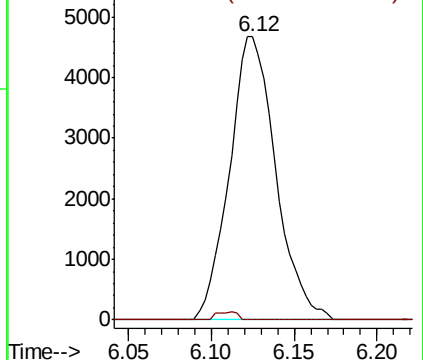
63 100

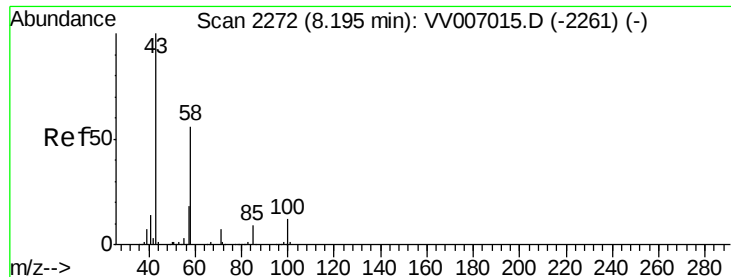
112 1.3 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

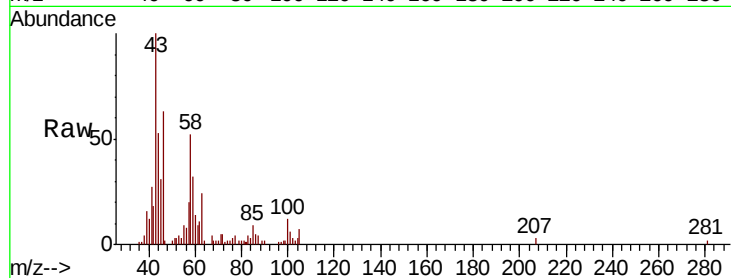




#48
 2-Hexanone
 Concen: 3.246 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007029.D
 Acq: 15 Aug 2018 23:13

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z9

Tgt Ion:	43	Resp:	22507
Ion	Ratio	Lower	Upper
43	100		
58	49.4	44.2	66.2
57	18.1	14.8	22.2
100	10.9	8.8	13.2



Abundance Ion 43.05 (42.75 to 43.75): VV0
 15000 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

